

Application No. 09/833,965

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A seam bonding adhesive comprising a polyvinyl butyral resin selected from the group consisting of ~~polyvinyl butyral, phenolic resins, epoxy resins, and mixtures thereof,~~ and a first carbon filler comprising a fluorinated carbon selected from the group consisting of a fluorinated carbon having about 28 percent by weight fluorine, a fluorinated carbon having about 11 percent by weight fluorine, a fluorinated carbon having about 62 percent by weight fluorine, and a fluorinated carbon having about 65 percent by weight fluorine, based on the weight of fluorinated.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled).

6. (Cancelled).

7. (Original) An adhesive in accordance with claim 1, wherein said polyvinyl butyral resin further comprises polyvinyl butyral and a phenolic resin resins.

2. (Original) An adhesive in accordance with claim 1, wherein said phenolic resin is a phenolic acrylic resin.

3. (Original) An adhesive in accordance with claim 1, wherein said adhesive is crosslinked.

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D ~~4~~ ¹⁷10. (Previously Amended) An adhesive in accordance with claim ~~1~~ ¹⁷, further comprising a second filler selected from the group consisting of a carbon filler different from the first carbon filler, doped metal oxide filler, polymer filler, and mixtures thereof.

Cl ~~5~~ ⁴11. (Original) An adhesive in accordance with claim ~~10~~ ⁴, wherein said carbon filler different from said first carbon filler is selected from the group consisting of carbon black and graphite.

D ~~6~~ ^{15 15}12. (Previously Amended) An adhesive in accordance with claim ~~10~~ ⁴, wherein said doped metal oxide filler ~~comprises~~ ^{is} antimony doped tin oxide.

~~7~~ ⁴13. (Previously Amended) An adhesive in accordance with claim ~~10~~ ⁴, wherein said polymer filler is selected from the group consisting of polytetrafluoroethylene, polypyrrole, polythiophene, and polyaniline.

D ~~8~~ ¹⁷14. (Original) An adhesive in accordance with claim ~~1~~ ¹⁷, having a volume resistivity of from about 10^1 to about 10^{13} ohm-cm.

~~9~~ ⁸15. (Original) An adhesive in accordance with claim ~~14~~ ⁸, wherein said volume resistivity is from about 10^8 to about 10^{11} ohm-cm.

L 16. (Cancelled)

Ins Di ~~1~~ ¹⁷17. (Previously Amended) A seam bonding adhesive comprising polyvinyl butyral and phenolic resin, and a fluorinated carbon selected from the group consisting of a fluorinated carbon having about 28 percent by weight fluorine, a fluorinated carbon having about 11 percent by weight fluorine, a fluorinated carbon having about 62 percent by weight fluorine, and a fluorinated carbon having about 65 percent by weight fluorine, based on the weight of fluorinated carbon.